

GENERATING AND DISPLAYING SPATIALLY OFFSET SUB- FRAMES

Abstract of the Disclosure

5 A method of displaying an image with a display device includes
receiving a first set of image data for a first image. A first sub-frame and a
second sub-frame corresponding to the first set of image data are generated. A
bit-depth of the first and the second sub-frames is reduced based on a first set of
quantization equations, thereby generating a first dithered sub-frame and a
10 second dithered sub-frame. The method includes alternating between displaying
the first dithered sub-frame in a first position and displaying the second dithered
sub-frame in a second position spatially offset from the first position.